

Department of Defense Energy Security Act of 2010

Facilities

- Require Energy and Water Audits of facilities • Implement cost effective improvements within two years of audit
Sec. 8b
- Increase authorization for Energy Conservation Investment Program (ECIP) • Authorization: \$180M
Sec. 7
- Assess all facilities not scheduled for replacement in the 2011 FYDP for potential insulation improvements
Sec. 8a
- Install high efficiency insulation on all climate controlled forward-operating facilities where cost-effective
Sec. 8c
- Tenants, concessionaires and other contractors operating at any DOD facility must comply with regulations
Sec. 6

Renewable Electricity

- Develop New Renewable Sources •
Sec. 4
 - In FY2016, 50% of renewable energy from sources newer than January 1, 1999
Similar language contained within EO 13423
 - In FY2016, 20% of renewable energy from sources newer than January 1, 2009
- 20% Renewables on New Facilities •
Sec. 8d
 - 20% of energy consumption for new buildings constructed after September 30, 2020 must be derived from on-site renewable generation

Petroleum Fuel

- Tactical Fleet • Study incorporation of hybrid drive into tactical ground vehicles through Reset & Recap • Authorization: \$50M
Sec. 10
- Non-tactical Fleet • Replace entire fleet with electric, hybrid-electric, or high-efficiency vehicles by 2016
Sec. 9
- Biofuel • Certification non-food stock competing biofuel for aviation by FY2017
Sec. 11

Energy Performance Plan

- Require consideration in reports •
Sec. 2
 - National Security Strategy
 - Department Budget Request
 - Quadrennial Defense Review
 - National Military Strategy
- New considerations •
Sec. 5
 - High performance construction, lease, operation, and maintenance of buildings
 - electric, hybrid-electric, and high efficiency vehicles

Acquisition

- Require sustainable environmental practices •
Sec. 3
 - environmentally preferable
 - energy efficient
 - water-efficient
 - recycled-content
- Require 30% post-consumer fiber paper
Similar language contained within EO 13423

Office of Congresswoman Gabrielle Giffords

